

CLAIMS

1. Mooring device particularly for an aircraft,
5 comprising at least one line (18) or the like ensuring
connection between an anchoring point (20) on the aircraft
and the ground, characterized in that it comprises means
(26) for dynamically controlling the tension of the line
(18) as a function of variations of the distance separating
10 the anchoring point (20) on the aircraft and the ground,
adapted to occupy two conditions, a first so-called free
condition in which it is adapted to follow variations of
distance between the anchoring point (20) on the aircraft
and the ground while permitting the elongation or
15 shortening of the line (18), and a second so-called blocked
condition, in which it opposes the unwinding of the line
(18) when the speed of unwinding exceeds a certain
threshold or is subject to abrupt acceleration.

20 2. Device according to claim 1, characterized in that
it comprises means adapted to measure the speed of
unwinding of the line (18).

25 3. Device according to claim 1 or 2, characterized in
that the dynamic means (26) for controlling the tension of
the line (18) comprises means (38) which tends to tension
the line (18).

30 4. Device according to claim 3, characterized in that
the means (38) are present in the form of at least one
single acting jack (40) whose piston (44) is oriented such

that pressing means (46, 48) disposed at its end apply tension to the line (18).

5. Device according to claim 4, characterized in that it comprises a flow rate regulator (60) in the exhaust of the jack or jacks (40), ensuring the function of a shock absorber to the unwinding of the line (18) and permitting controlling the speed of unwinding of said line (18).

10 6. Device according to claim 4 or 5, characterized in that the means (26) for dynamic control of the tension are disposed in a carriage (28), the piston (44) tending to move downwardly so as to apply tension on the line (18) of which one length (52) exits through an opening (54) 15 provided in an upper portion of the carriage (28).

7. Device according to claim 6, characterized in that the carriage (28) comprises means for securement to the ground.

20 8. Device according to any one of claims 1 to 7, characterized in that it comprises means for automatically rewinding the line (18).

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